



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/378,045c
Source: 1645
Date Processed by STIC: 6/17/02

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
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Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed

1645

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/378,045C

DATE: 06/17/2002
TIME: 14:53:32 Error on p. 5

Input Set : A:\2625-Erevsd seqlist as filed 010702.txt
Output Set: N:\CRF3\06172002\I378045C.raw

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3 <110> APPLICANT: Rauch, Charles
4      Walczak, Henning
6 <120> TITLE OF INVENTION: RECEPTOR THAT BINDS TRAIL
8 <130> FILE REFERENCE: 2625-E
10 <140> CURRENT APPLICATION NUMBER: US 09/378,045C
11 <141> CURRENT FILING DATE: 1999-08-20
13 <150> PRIOR APPLICATION NUMBER: US 08/883,036
14 <151> PRIOR FILING DATE: 1997-06-26
16 <150> PRIOR APPLICATION NUMBER: US 08/869,852
17 <151> PRIOR FILING DATE: 1997-06-04
19 <150> PRIOR APPLICATION NUMBER: US 08/829,536
20 <151> PRIOR FILING DATE: 1997-03-28
22 <150> PRIOR APPLICATION NUMBER: US 08/815,255
23 <151> PRIOR FILING DATE: 1997-03-12
25 <150> PRIOR APPLICATION NUMBER: US 08/799,861
26 <151> PRIOR FILING DATE: 1997-02-13
28 <160> NUMBER OF SEQ ID NOS: 6
30 <170> SOFTWARE: PatentIn version 3.1
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 1323
34 <212> TYPE: DNA
35 <213> ORGANISM: Homo sapiens
37 <220> FEATURE:
38 <221> NAME/KEY: CDS
39 <222> LOCATION: (1)..(1323)
40 <223> OTHER INFORMATION:
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45 Met Glu Gln Arg Gly Gln Asn Ala Pro Ala Ala Ser Gly Ala Arg Lys
46 1          5          10          15
48 agg cac ggc cca gga ccc agg gag gcg cgg gga gcc agg cct ggg ccc      96
49 Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Pro
50          20          25          30
52 cgg gtc ccc aag acc ctt gtg ctc gtt gtc gcc gcg gtc ctg ctg ttg      144
53 Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu
54          35          40          45
56 gtc tca gct gag tct gct ctg atc acc caa caa gac cta gct ccc cag      192
57 Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln
58          50          55          60
60 cag aga gcg gcc cca caa caa aag agg tcc agc ccc tca gag gga ttg      240
61 Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu
62 65          70          75          80
64 tgt cca cct gga cac cat atc tca gaa gac ggt aga gat tgc atc tcc      288

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Input Set : A:\2625-Erevsd seqlist as filed 010702.txt

Output Set: N:\CRF3\06172002\I378045C.raw

65	Cys	Pro	Pro	Gly	His	His	Ile	Ser	Glu	Asp	Gly	Arg	Asp	Cys	Ile	Ser	
66					85				90					95			
68	tgc	aaa	tat	gga	cag	gac	tat	agc	act	cac	tgg	aat	gac	ctc	ctt	ttc	336
69	Cys	Lys	Tyr	Gly	Gln	Asp	Tyr	Ser	Thr	His	Trp	Asn	Asp	Leu	Leu	Phe	
70				100					105					110			
72	tgc	ttg	cgc	tgc	acc	agg	tgt	gat	tca	ggg	gaa	gtg	gag	cta	agt	ccg	384
73	Cys	Leu	Arg	Cys	Thr	Arg	Cys	Asp	Ser	Gly	Glu	Val	Glu	Leu	Ser	Pro	
74				115					120					125			
76	tgc	acc	acg	acc	aga	aac	aca	gtg	tgt	cag	tgc	gaa	gaa	ggc	acc	ttc	432
77	Cys	Thr	Thr	Thr	Arg	Asn	Thr	Val	Cys	Gln	Cys	Glu	Glu	Gly	Thr	Phe	
78				130					135					140			
80	cgg	gaa	gaa	gat	tct	cct	gag	atg	tgc	cgg	aag	tgc	cgc	aca	ggg	tgt	480
81	Arg	Glu	Glu	Asp	Ser	Pro	Glu	Met	Cys	Arg	Lys	Cys	Arg	Thr	Gly	Cys	
82	145					150					155					160	
84	ccc	aga	ggg	atg	gtc	aag	gtc	ggg	gat	tgt	aca	ccc	tgg	agt	gac	atc	528
85	Pro	Arg	Gly	Met	Val	Lys	Val	Gly	Asp	Cys	Thr	Pro	Trp	Ser	Asp	Ile	
86					165					170					175		
88	gaa	tgt	gtc	cac	aaa	gaa	tca	ggg	aca	aag	cac	agt	ggg	gaa	gcc	cca	576
89	Glu	Cys	Val	His	Lys	Glu	Ser	Gly	Thr	Lys	His	Ser	Gly	Glu	Ala	Pro	
90				180					185					190			
92	gct	gtg	gag	gag	acg	gtg	acc	tcc	agc	cca	ggg	act	cct	gcc	tct	ccc	624
93	Ala	Val	Glu	Glu	Thr	Val	Thr	Ser	Ser	Pro	Gly	Thr	Pro	Ala	Ser	Pro	
94				195					200					205			
96	tgt	tct	ctc	tca	ggc	atc	atc	ata	gga	gtc	aca	gtt	gca	gcc	gta	gtc	672
97	Cys	Ser	Leu	Ser	Gly	Ile	Ile	Ile	Gly	Val	Thr	Val	Ala	Ala	Val	Val	
98				210					215					220			
100	ttg	att	gtg	gct	gtg	ttt	ggt	tgc	aag	tct	tta	ctg	tgg	aag	aaa	gtc	720
101	Leu	Ile	Val	Ala	Val	Phe	Val	Cys	Lys	Ser	Leu	Leu	Trp	Lys	Lys	Val	
102	225					230					235					240	
104	ctt	cct	tac	ctg	aaa	ggc	atc	tgc	tca	ggg	ggg	ggg	ggg	gac	cct	gag	768
105	Leu	Pro	Tyr	Leu	Lys	Gly	Ile	Cys	Ser	Gly	Gly	Gly	Gly	Asp	Pro	Glu	
106					245					250					255		
108	cgt	gtg	gac	aga	agc	tca	caa	cga	cct	ggg	gct	gag	gac	aat	gtc	ctc	816
109	Arg	Val	Asp	Arg	Ser	Ser	Gln	Arg	Pro	Gly	Ala	Glu	Asp	Asn	Val	Leu	
110				260					265					270			
112	aat	gag	atc	gtg	agt	atc	ttg	cag	ccc	acc	cag	gtc	cct	gag	cag	gaa	864
113	Asn	Glu	Ile	Val	Ser	Ile	Leu	Gln	Pro	Thr	Gln	Val	Pro	Glu	Gln	Glu	
114				275					280					285			
116	atg	gaa	gtc	cag	gag	cca	gca	gag	cca	aca	ggg	gtc	aac	atg	ttg	tcc	912
117	Met	Glu	Val	Gln	Glu	Pro	Ala	Glu	Pro	Thr	Gly	Val	Asn	Met	Leu	Ser	
118				290					295					300			
120	ccc	ggg	gag	tca	gag	cat	ctg	ctg	gaa	ccg	gca	gaa	gct	gaa	agg	tct	960
121	Pro	Gly	Glu	Ser	Glu	His	Leu	Leu	Glu	Pro	Ala	Glu	Ala	Glu	Arg	Ser	
122	305					310					315					320	
124	cag	agg	agg	agg	ctg	ctg	ggt	cca	gca	aat	gaa	ggg	gat	ccc	act	gag	1008
125	Gln	Arg	Arg	Arg	Leu	Leu	Val	Pro	Ala	Asn	Glu	Gly	Asp	Pro	Thr	Glu	
126					325					330					335		
128	act	ctg	aga	cag	tgc	ttc	gat	gac	ttt	gca	gac	ttg	gtg	ccc	ttt	gac	1056
129	Thr	Leu	Arg	Gln	Cys	Phe	Asp	Asp	Phe	Ala	Asp	Leu	Val	Pro	Phe	Asp	

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Input Set : A:\2625-Erevsd seqlist as filed 010702.txt

Output Set: N:\CRF3\06172002\I378045C.raw

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132 tcc tgg gag ccg ctc atg agg aag ttg ggc ctc atg gac aat gag ata      1104
133 Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp Asn Glu Ile
134          355          360          365
136 aag gtg gct aaa gct gag gca gcg ggc cac agg gac acc ttg tac acg      1152
137 Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr Leu Tyr Thr
138          370          375          380
140 atg ctg ata aag tgg gtc aac aaa acc ggg cga gat gcc tct gtc cac      1200
141 Met Leu Ile Lys Trp Val Asn Lys Thr Gly Arg Asp Ala Ser Val His
142 385          390          395          400
144 acc ctg ctg gat gcc ttg gag acg ctg gga gag aga ctt gcc aag cag      1248
145 Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu Ala Lys Gln
146          405          410          415
148 aag att gag gac cac ttg ttg agc tct gga aag ttc atg tat cta gaa      1296
149 Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met Tyr Leu Glu
150          420          425          430
152 ggt aat gca gac tct gcc atg tcc taa      1323
153 Gly Asn Ala Asp Ser Ala Met Ser
154          435          440
157 <210> SEQ ID NO: 2
158 <211> LENGTH: 440
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 2
164 Met Glu Gln Arg Gly Gln Asn Ala Pro Ala Ala Ser Gly Ala Arg Lys
165 1          5          10          15
168 Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Pro
169          20          25          30
172 Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu
173          35          40          45
176 Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln
177          50          55          60
180 Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu
181 65          70          75          80
184 Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser
185          85          90          95
188 Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe
189          100          105          110
192 Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro
193          115          120          125
196 Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe
197          130          135          140
200 Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys
201 145          150          155          160
204 Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile
205          165          170          175
208 Glu Cys Val His Lys Glu Ser Gly Thr Lys His Ser Gly Glu Ala Pro
209          180          185          190
212 Ala Val Glu Glu Thr Val Thr Ser Ser Pro Gly Thr Pro Ala Ser Pro

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Input Set : A:\2625-Erevsd seqlist as filed 010702.txt

Output Set: N:\CRF3\06172002\I378045C.raw

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213          195          200          205
216 Cys Ser Leu Ser Gly Ile Ile Ile Gly Val Thr Val Ala Ala Val Val
217          210          215          220
220 Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp Lys Lys Val
221 225          230          235          240
224 Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly Asp Pro Glu
225          245          250          255
228 Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp Asn Val Leu
229          260          265          270
232 Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro Glu Gln Glu
233          275          280          285
236 Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn Met Leu Ser
237          290          295          300
240 Pro Gly Glu Ser Glu His Leu Leu Glu Pro Ala Glu Ala Glu Arg Ser
241 305          310          315          320
244 Gln Arg Arg Arg Leu Leu Val Pro Ala Asn Glu Gly Asp Pro Thr Glu
245          325          330          335
248 Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val Pro Phe Asp
249          340          345          350
252 Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp Asn Glu Ile
253          355          360          365
256 Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr Leu Tyr Thr
257          370          375          380
260 Met Leu Ile Lys Trp Val Asn Lys Thr Gly Arg Asp Ala Ser Val His
261 385          390          395          400
264 Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu Ala Lys Gln
265          405          410          415
268 Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met Tyr Leu Glu
269          420          425          430
272 Gly Asn Ala Asp Ser Ala Met Ser
273          435          440
276 <210> SEQ ID NO: 3
277 <211> LENGTH: 157
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
281 <220> FEATURE:
282 <221> NAME/KEY: CDS
283 <222> LOCATION: (3)..(155)
284 <223> OTHER INFORMATION:
287 <220> FEATURE:
288 <221> NAME/KEY: misc_feature
289 <222> LOCATION: (145)..(145)
290 <223> OTHER INFORMATION: "n" = a, t, g, or c
293 <220> FEATURE:
294 <221> NAME/KEY: misc_feature
295 <222> LOCATION: (149)..(149)
296 <223> OTHER INFORMATION: "n" = a, t, g, or c
299 <400> SEQUENCE: 3
300 ct gag act ctg aga cag tgc ttc gat gac ttt gca gac ttg gtg ccc

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47

RAW SEQUENCE LISTING

DATE: 06/17/2002

PATENT APPLICATION: US/09/378,045C

TIME: 14:53:32

Input Set : A:\2625-Erevsd seqlist as filed 010702.txt

Output Set: N:\CRF3\06172002\I378045C.raw

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301   Glu Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val Pro
302     1           5           10           15
304 ttt gac tcc tgg gag ccg ctc atg agg aag ttg ggc ctc atg gac aat      95
305 Phe Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp Asn
306           20           25           30
308 gag ata aag gtg gct aaa gct gag gca gcg ggc cac agg gac acc ttg      143
309 Glu Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr Leu
310           35           40           45
W--> 312 tnc acn atg ctg at      157
W--> 313 Xaa Xaa Met Leu
314           50
317 <210> SEQ ID NO: 4
318 <211> LENGTH: 51
319 <212> TYPE: PRT
320 <213> ORGANISM: Homo sapiens
322 <220> FEATURE:
323 <221> NAME/KEY: misc_feature
324 <222> LOCATION: (48)..(48)
325 <223> OTHER INFORMATION: The 'Xaa' at location 48 stands for Tyr, Cys, Ser, or Phe.
327 <220> FEATURE:
328 <221> NAME/KEY: misc_feature
329 <222> LOCATION: (49)..(49)
330 <223> OTHER INFORMATION: The 'Xaa' at location 49 stands for Thr.
332 <220> FEATURE:
333 <221> NAME/KEY: misc_feature
334 <222> LOCATION: (145)..(145)
335 <223> OTHER INFORMATION: "n" = a, t, g, or c
337 <220> FEATURE:
338 <221> NAME/KEY: misc_feature
339 <222> LOCATION: (149)..(149)
340 <223> OTHER INFORMATION: "n" = a, t, g, or c
342 <400> SEQUENCE: 4
344 Glu Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val Pro Phe
345 1           5           10           15
348 Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp Asn Glu
349           20           25           30
W--> 352 Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr Leu Xaa
353           35           40           45
W--> 356 Xaa Met Leu
357           50
360 <210> SEQ ID NO: 5
361 <211> LENGTH: 8
362 <212> TYPE: PRT
363 <213> ORGANISM: Artificial Sequence
365 <220> FEATURE:
366 <223> OTHER INFORMATION: FLAG peptide
368 <400> SEQUENCE: 5
370 Asp Tyr Lys Asp Asp Asp Asp Lys
371 1           5

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no positions 145 + 149 -
no ns in a protein sequence!

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/17/2002
PATENT APPLICATION: US/09/378,045C TIME: 14:53:33

Input Set : A:\2625-Erevsd seqlist as filed 010702.txt
Output Set: N:\CRF3\06172002\I378045C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 145,149

Seq#:3; Xaa Pos. 48,49

Seq#:4; Xaa Pos. 48,49

VERIFICATION SUMMARY

DATE: 06/17/2002

PATENT APPLICATION: US/09/378,045C

TIME: 14:53:33

Input Set : A:\2625-Erevsd seqlist as filed 010702.txt

Output Set: N:\CRF3\06172002\I378045C.raw

L:312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:143
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:157
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:32
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:48